SERVICE

Whirlpool Europe
Customer Services

800 279 63

for IKEA from Whirlpool

Service Manual

Mikrowellengerät
800 279 63
MBI 307 S

Modell 800 279 63
Version 8538 432 01671

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Die vorliegenden Serviceunterlagen sind ausschließlich für technisch qualifizierte Fachkräfte bestimmt, welche mit den entsprechenden einschlägigen Sicherheitsvorschriften vertraut sind.

Date: 19.07.2001
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Änderungen vorbehalten

Sicherheitsvorschrift

INTRODUCTION

Before leaving the factory each oven is carefully checked.
It must, however, be installed and used correctly.

Despite all the steps taken to make the oven safe, the safety is dependent on the correct installation and the fact the user understands how to use and maintain the oven.

The information in this section should be used as a reminder that the oven is safe and that anyone who uses it must first read the instructions for use in order to be able to use the oven correctly and obtain best results.

SAFETY

To avoid injury to yourself and damage to the appliance always work to the following rules when servicing an oven.

Always disconnect the plug from the mains before starting work.

If there is no plug switch off the electric supply at the control box.

When you have finished servicing an oven before you reconnect it to the mains, make sure that:
- all the internal connections are correct
- the wires are insulated and not touching the door or the cabinet or anything sharp
- all the earth connections are electrically and mechanically sound
- do not modify or anyway interfere with the safety devices built-in to the oven

- make sure that each replacement part you use conforms to the manufacturer´s specifications

Do not start a repair if you have any doubt as to your ability to complete it.

CAUTION - MICROWAVE RADIATION

PERSONNEL SHOULD NOT BE EXPOSED TO THE MICROWAVE ENERGY WHICH MAY RADIATE FROM THE MAGNETRON, WAVEGUIDE OR ANTENNA IF THEY ARE IMPROPERLY USED OR CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTIONS, WAVEGUIDES, FLANGES AND GASKETS MUST BE SECURE.
NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED.
NEVER LOOK INTO AN OPEN WAVEGUIDE OR ANTENNA WHILE THE DEVICE IS ENERGIZED.
NEVER OPERATE AN OVEN WITH CABINET OFF WITHOUT MEASURING THE MICROWAVE LEAKAGE AROUND MAGNETRON AND VISIBLE MICROWAVE CONNECTIONS (WELDING JOINTS).

Do not operate the oven if the following conditions exist:
- the door does not close firmly against the door support because of the door being warped or the hinges damaged.
- The door trims or seals are damaged.
- If there is any visible damage to the oven.
- if the door does not close properly.

Avoid operating the oven if known components in the interlock system, oven door or microwave generating assembly are known defective. They must be replaced.

WARNING - HIGH VOLTAGE

IT IS POSSIBLE TO COME IN CONTACT WITH LETHAL HIGH VOLTAGE WHEN WORKING WITH HV TRANSFORMER, HV CAPACITOR AND MAGNETRON. THEREFORE NEVER TRY TO MEASURE THE HIGH VOLTAGE. ALWAYS TAKE UTMOST CARE WHEN PERFORMING ELECTRIC MEASUREMENTS INSIDE THE OVEN.

Technische Daten

Dimensions of cabinet

Height	277	mm
Width	525	mm
Depth	328	mm

Dimensions of cavity

Height	210	mm
Width	335	mm
Depth	290	mm
Cavity volume	20	l
Turntable	280	mm

Weight

Gross	16.5	kg
Net	15	kg

Electrical

Voltage	230/240	V
Frequency	50	Hz

Power

Total consumption	1500	W
Output power Microwave	900	W
Microwave frequency	2450	MHz

Built-in kit

AVM 125 (optional)

Features

- Electronic controls
- Jet start
- Auto weight defrost
- Timer
- Timed defrost
- Child lock
- 7 power levels
- 24 hour clock
- 90 minute timer

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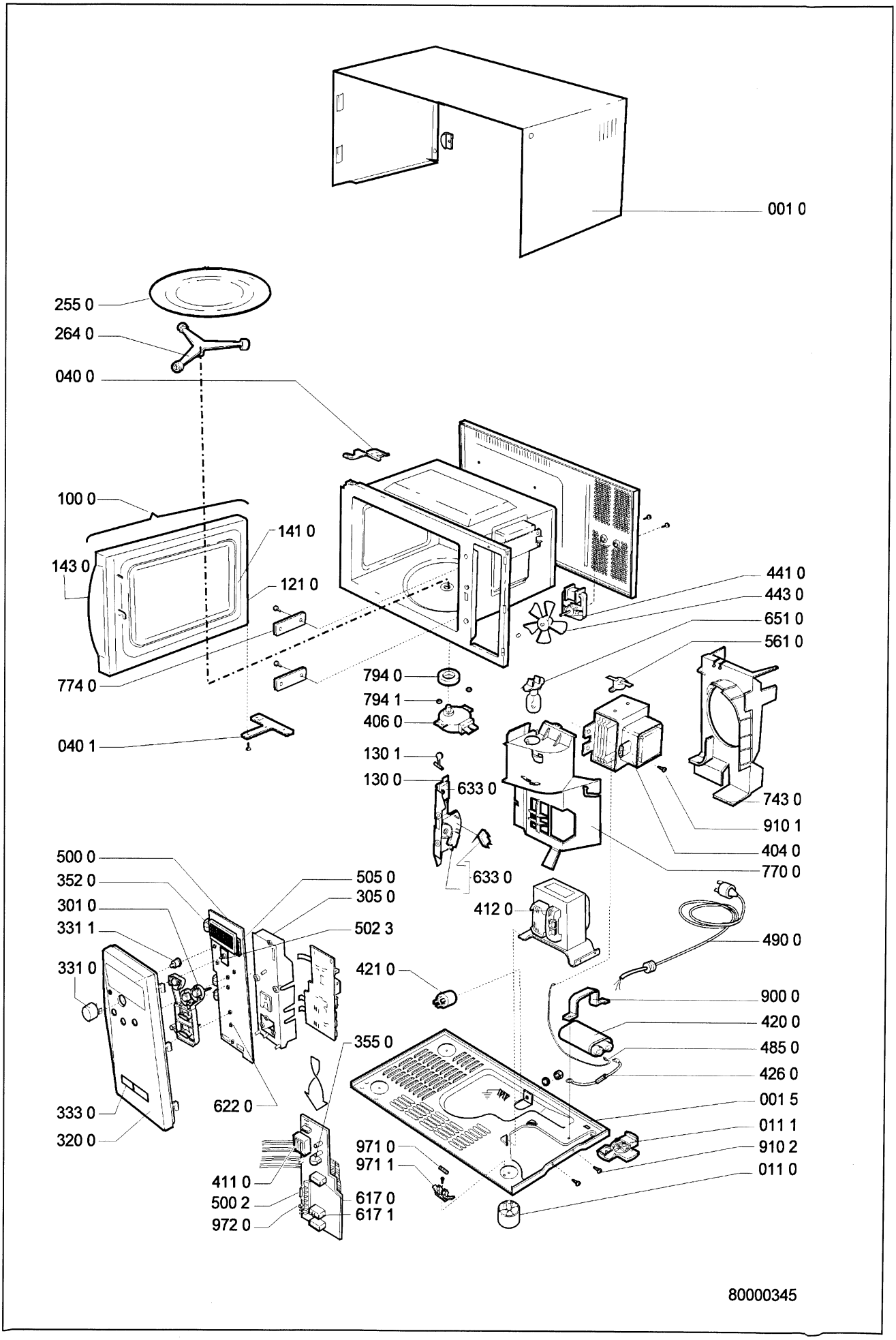
Ersatzteilliste

Model **800 279 63**
Service No. **853843201671**
Version **853843201671**

Pos. Nr.	12NC Code	Beschreibung
001 0	**4812 440 58239**	Gehaeuse Silber
001 5	**4819 462 79937**	Platte Boden
011 0	**4819 462 79423**	Fuss
011 1	**4819 462 79938**	Fuss rechts hinten
040 0	**4819 417 19514**	Scharnier,oben
040 1	**4819 417 19248**	Scharnier,unten
100 0	**4812 442 69075**	Tuer kpl. Silber
121 0	**4819 459 48654**	Tuerrahmen innen
130 0	**4819 271 38148**	Schaltereinheit
130 1	**4819 404 78492**	Hebel fuer Mikroschalter
141 0	**4819 450 58095**	Tuerscheibe
143 0	**4812 459 48101**	Tuerrahmen aussen Silber
255 0	**4819 466 78218**	Drehteller Glas
264 0	**4819 535 78156**	Lagerkreuz
301 0	**4812 404 78287**	Blende
305 0	**4819 404 79461**	Halter
320 0	**4812 453 19868**	Schalterblende
320 0	**4812 453 59273**	Schalterblende Silber
331 0	**4819 412 58621**	Knopf Timer SW
331 1	**4819 410 29098**	Taste Clock-Set SW
333 0	**4812 410 28618**	Taste assy
352 0	**4819 130 38083**	Display
355 0	**4819 280 18029**	Summer
404 0	**4819 131 58019**	Magnetron
406 0	**4812 361 18262**	Motor Turntable
411 0	**4819 148 68085**	Transformator
412 0	**4812 145 38026**	Transformator HS
420 0	**4819 121 38013**	HS-Kondensator 1,15 µ F 2100V
421 0	**4819 121 18197**	Filter Netz
426 0	**4819 218 38038**	Diode HS
441 0	**4819 361 18313**	Motor Luefter
443 0	**4819 310 39025**	Luefterrad Ven.
485 0	**4819 320 28037**	Hochsp.Kabel
490 0	**4819 321 18136**	Netzkabel 2m SA
500 0	**4819 214 78706**	Kontrolleinheit
500 2	**4819 113 88001**	Widerstand 100 Ohm
502 3	**4819 101 48142**	Potentiometer
505 0	**4819 209 88071**	Microprocessor
561 0	**4819 282 48281**	Thermostat Magnetron 125 °C
617 0	**4819 280 68323**	Relais 24V
617 1	**4819 280 68321**	Relais
622 0	**4819 276 18273**	Schalter VKS
633 0	**4819 271 38145**	Mikroschalter
651 0	**4812 134 18013**	Lampe
743 0	**4819 462 38841**	Luftfuehrung Lüfter
770 0	**4819 462 38839**	Luftfuehrung Magnetron
774 0	**4819 462 79939**	Abdeckung Micaplatte
794 0	**4819 532 68686**	Dichtung Ring fuer TT
794 1	**4812 532 68092**	Ring
900 0	**4819 404 79272**	Halter fuer Kondensator
910 1	**4819 502 18499**	Schraube
910 2	**4819 502 38274**	Schraube fuer HS Trafo M4x16St
971 0	**4819 252 28125**	Sicherung T10A
971 1	**4819 256 38016**	Halterung für Sicherung
972 0	**4819 252 28132**	Sicherung T160mA

Explosionszeichnung



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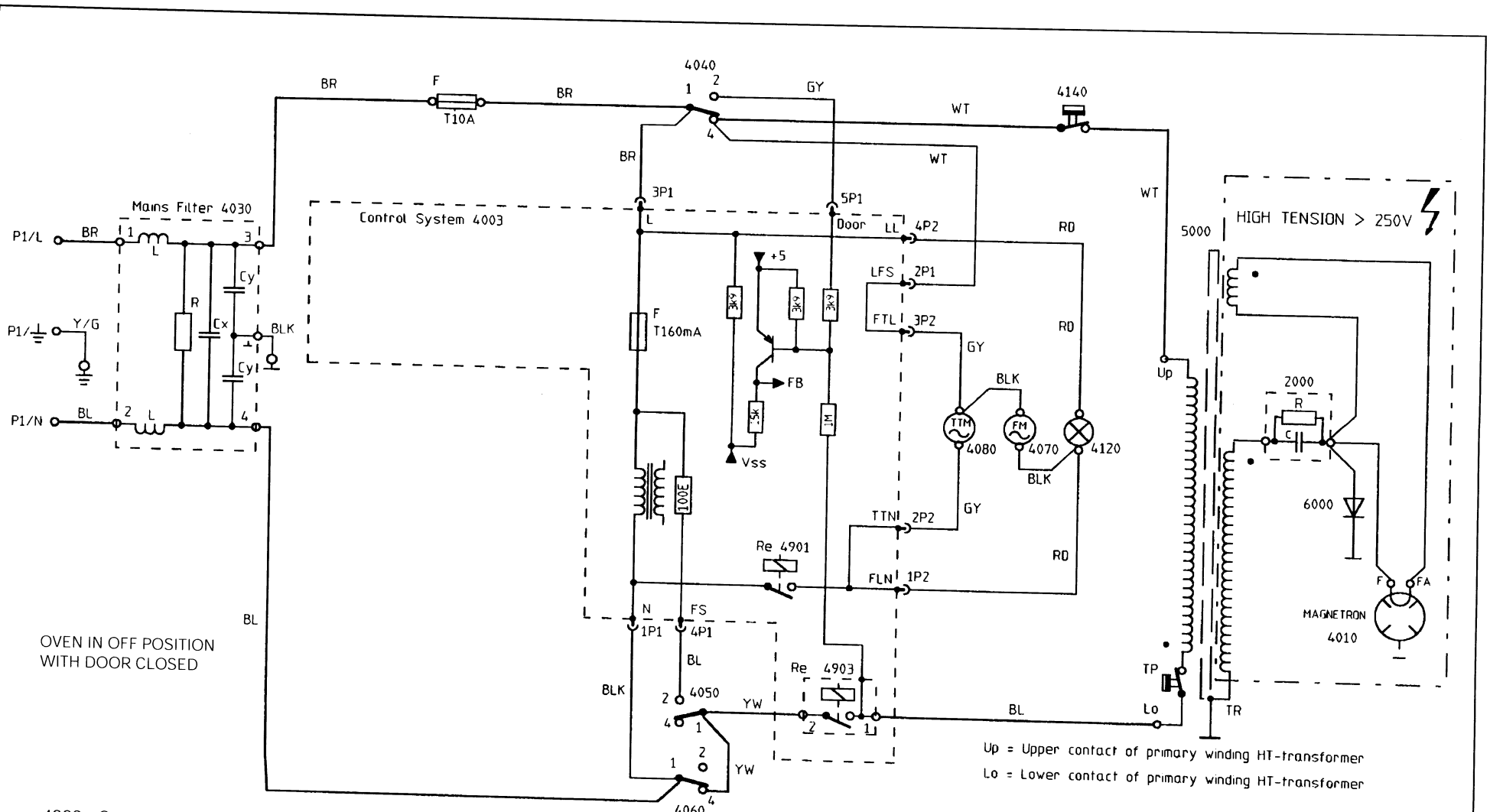
Anschlußplan

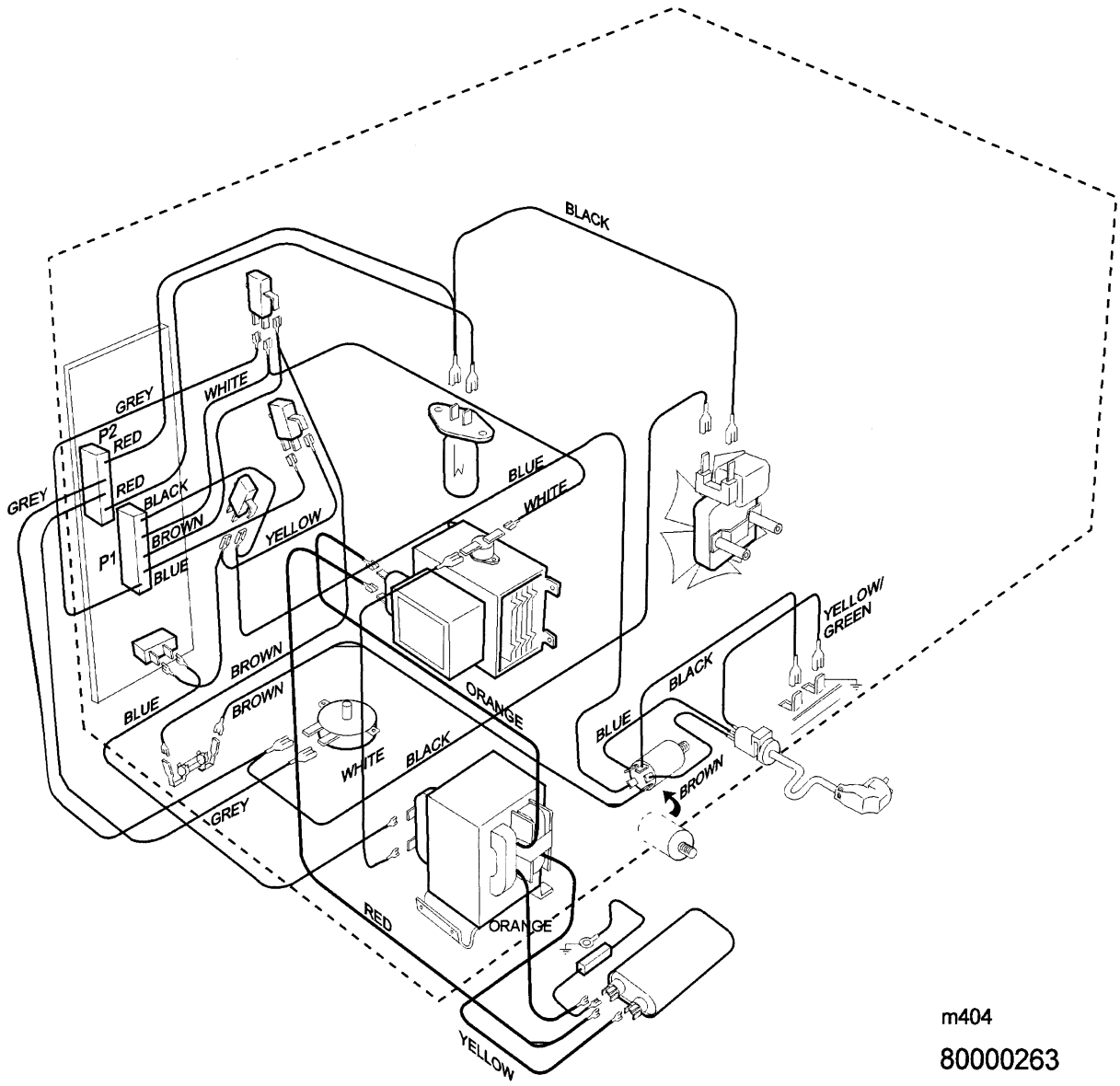


4003	Control system
4010	Magnetron
4030	Mainsfilter
4040	Secondary doorswitch
4050	Monitor doorswitch
4060	Primary doorswitch
4070	Motor fan
4080	Motor turntable
4120	Oven lamp
4140	Thermostat magnetron
2000	HT capacitor
5000	HT transformer
6000	HT diode

BL	Blue
BLK	Black
BR	Brown
GY	Grey
RD	Red
WT	White
YW	Yellow
Y/G	Yellow-Green

8538 423 20292

Anschlußplan



m404

80000263

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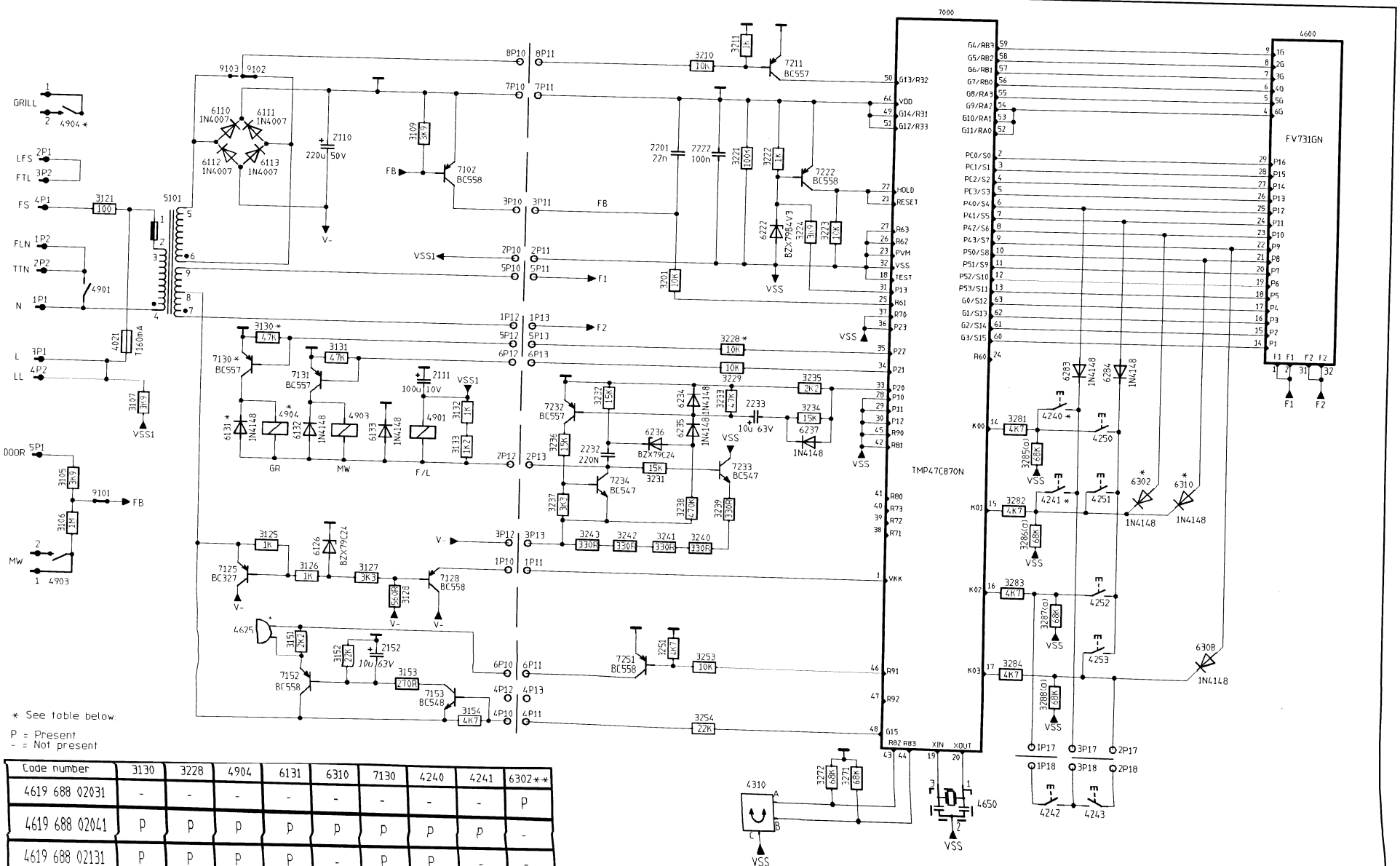
Schließschema



* See table below.

P = Present
- = Not present

Code number	3130	3228	4904	6131	6310	7130	4240	4241	6302**
4619 688 02031	-	-	-	-	-	-	-	-	P
4619 688 02041	P	P	P	P	P	P	P	P	-
4619 688 02131	P	P	P	P	-	P	P	-	-

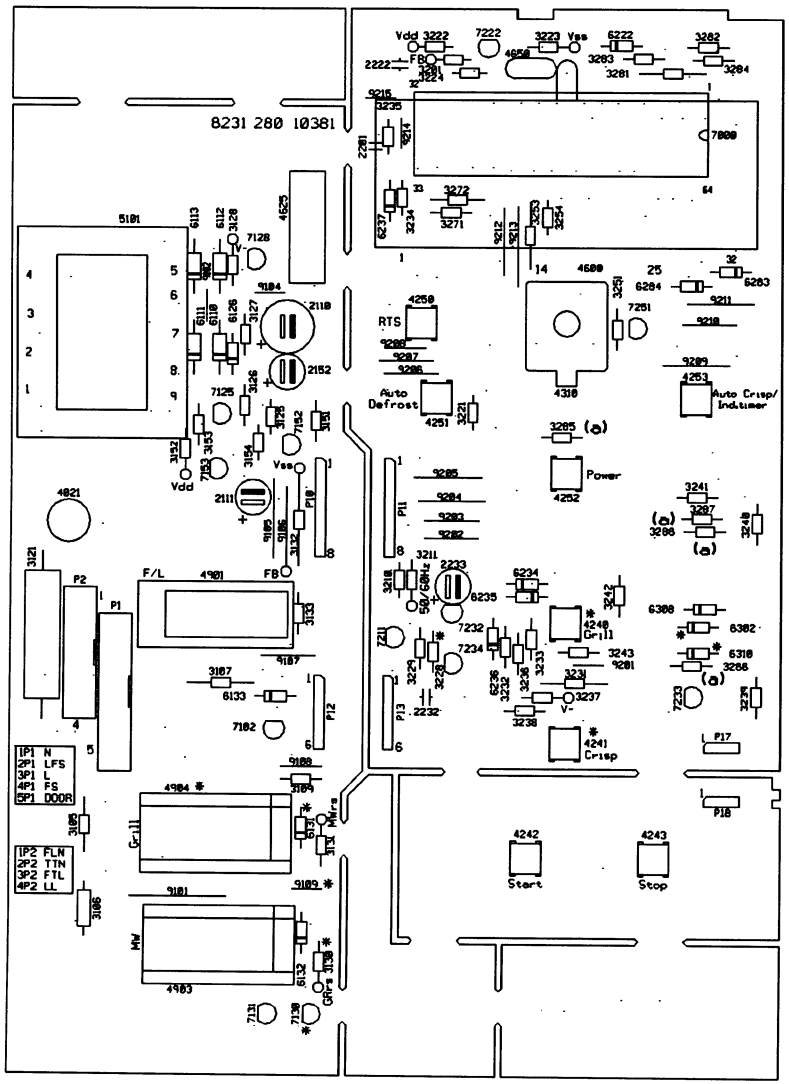
** Must not be present in mask 1, 4619 678 44331

REMARKS:

(a) Mounted only when OTP is used

4619 688 02041

Schließschema



* See table below:

P = Present
\- = Not present

Code Number	3130	3228	4904	6131	6310	7130	4240	4241	9109	** 6302
4619 688 02031	-	-	-	-	-	-	-	-	-	P
4619 688 02041	P	P	P	P	P	P	P	P	P	-
4619 688 02131	P	P	P	P	-	P	P	-	P	-

** Must not be present in mask 1, 4619 678 44331.

Flat cable connections:

P10 - P11
P12 - P13

(a) REMARKS:

Items 3285, 3286, 3287 and 3288 are mounted only when OTP is used.

4619 688 02041